

10/735633

SSION NUMBER: 2001:184820 USPATFULL  
TITLE: Mixed n-butyl and iso-propyl phthalamide compounds as  
sunscreen solubilizers  
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PATENT ASSIGNEE(S): Phoenix Research Corporation, Somerville, NJ, United  
States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 6306373	B1	20011023	<--
APPLICATION INFO.:	US 2000-640069		20000817	(9)
DOCUMENT TYPE:	Utility			
FILE SEGMENT:	GRANTED			
PRIMARY EXAMINER:	Dodson, Shelley A.			
NUMBER OF CLAIMS:	8			
EXEMPLARY CLAIM:	1			
LINE COUNT:	200			

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to a high active sunscreen composition for topical application to human skin to protect the skin against UV radiation damage. The composition is particularly suitable for over-coating with make-up or other cosmetic compositions. More particularly, the present invention is directed to the use of a specific eutectic mixture of lower alkyl phthalamide that is surprisingly effective in solubilizing 4-(1,1-dimethylethyl)-4'-methoxydibenzoylmethane (PARSOL® 1789). Such concentrates solutions of PARSOL® 1789 can be used to formulate a more effective sunscreen, having a surprisingly increased sunscreen protection factor (SPF) and such that the PARSOL® 1789 is more effective over a longer period of time so that the sunscreen composition need not be applied to the skin as frequently.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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	NUMBER	KIND	DATE	
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PATENT INFORMATION:	US 2003180230	A1	20030925	
	US 6699460	B2	20040302	<--
APPLICATION INFO.:	US 2002-314184	A1	20021209	(10)

  

	NUMBER	DATE
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PRIORITY INFORMATION:	FR 2001-15859	20011207
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	BURNS, DOANE, SWECKER & MATHIS, L.L.P., P.O. Box 1404, Alexandria, VA, 22313-1404	
NUMBER OF CLAIMS:	35	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1070	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB      Topically applicable cosmetic/dermatological sunscreen compositions well suited for the stable UV-photoprotection of human skin and/or hair, are devoid of any p-methylbenzylidenecamphor, but which contain (a) an effective photoprotecting amount of at least one UV-sunscreening dibenzoylmethane compound, (b) an effective photoprotecting amount of at least one UV-screening 1,3,5-triazine compound normally photosensitive in the presence of a dibenzoylmethane compound (a), and (c) an effective photostabilizing amount of at least one UV-screening amino-substituted 2-hydroxybenzophenone compound having the following structural formula (VIII):    ##STR1##

formulated into (d) a topically applicable, cosmetically/dermatologically acceptable vehicle, diluent or carrier therefor.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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